

Bituminous Coal Underground Mining: 2002

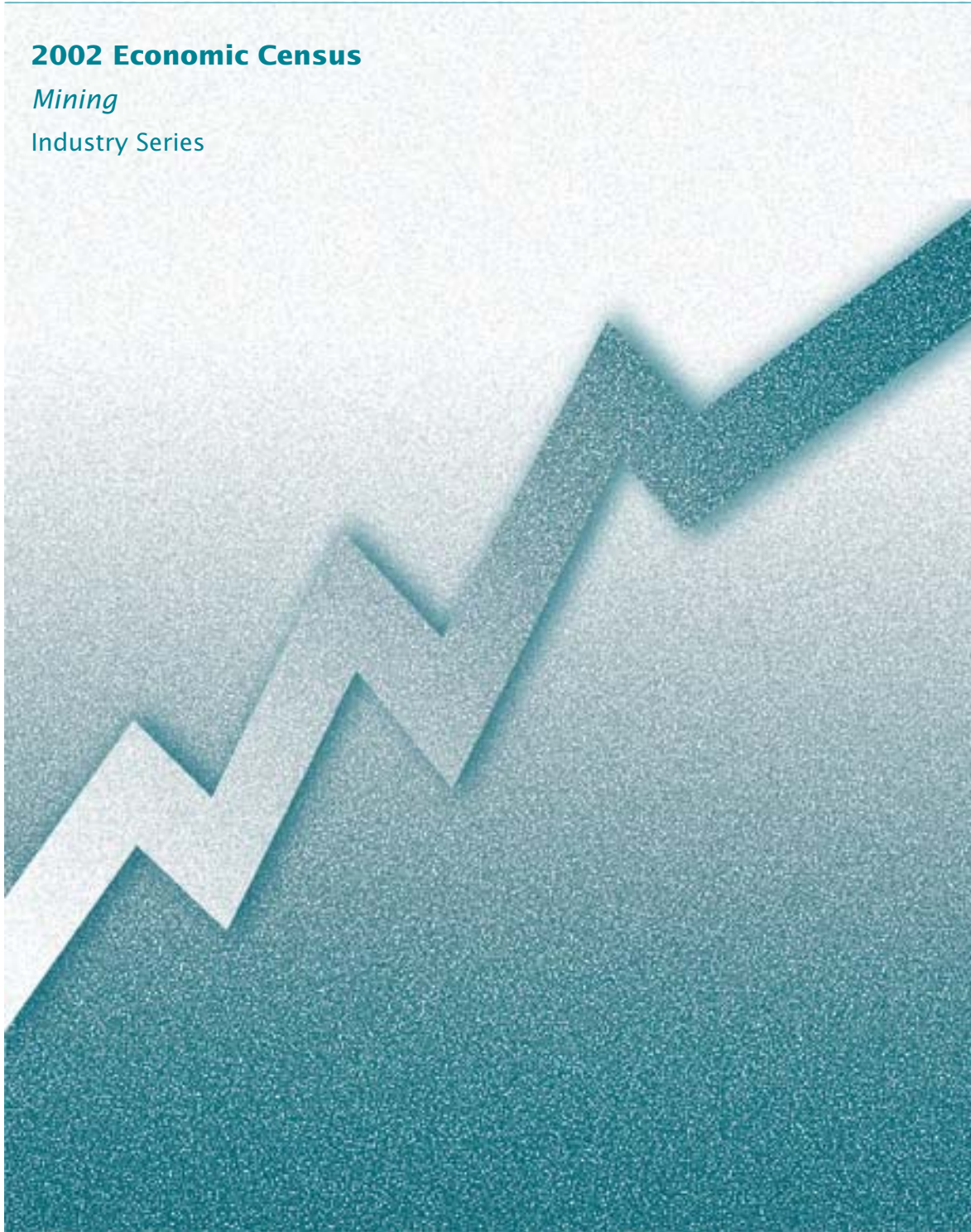
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2002 Economic Census

Mining

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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Table 1. **Historical Statistics for the Industry: 2002 and 1997**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Companies ¹	All establishments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212112, Bituminous coal underground mining 2002... 1997..	354 461	478 614	40 319 50 192	2 027 603 2 295 137	35 629 44 075	74 470 91 735	1 754 149 1 954 779	7 763 432 8 177 626	3 421 175 3 840 220	9 514 582 10 793 419	903 202 1 224 427

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States and Offshore Areas: 2002

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212112, Bituminous coal underground mining												
United States	1	478	275	40 319	2 027 603	35 629	74 470	1 754 149	7 763 432	3 421 175	9 514 582	903 202
Alabama	1	10	7	2 691	146 745	2 235	4 862	116 300	377 827	206 198	541 499	38 060
Colorado	—	6	5	1 031	62 571	812	1 840	45 795	288 684	83 584	303 192	68 753
Illinois	2	15	12	2 923	147 725	2 647	5 750	132 155	442 605	218 709	603 564	55 809
Indiana	—	5	5	845	46 727	788	1 848	43 585	176 042	72 775	196 183	52 634
Kentucky	2	167	92	9 364	444 544	8 358	17 411	392 753	1 870 686	814 217	2 262 013	165 477
Ohio	1	12	10	1 604	74 588	1 267	2 586	60 817	244 945	87 240	278 944	16 029
Pennsylvania	—	36	26	4 965	266 671	4 520	10 238	241 266	1 106 799	427 993	1 313 287	166 877
Virginia	1	81	39	3 650	178 077	3 289	6 318	155 813	653 367	296 353	797 634	94 358
West Virginia	1	114	59	10 537	516 194	9 352	18 648	443 897	2 029 631	949 482	2 490 460	182 574

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
212112, Bituminous coal underground mining	
Companies ¹	number.. 354
All establishments ²	number.. 478
Establishments with 0 to 19 employees	number.. 203
Establishments with 20 to 99 employees	number.. 158
Establishments with 100 employees or more	number.. 117
All employees for pay period including March 12	number.. 40 319
Total compensation	\$1,000.. 2 782 410
Annual payroll	\$1,000.. 2 027 603
Annual fringe benefits not included in payroll	\$1,000.. 754 807
Production, development, and exploration workers for pay period including March 12	number.. 35 629
Production, development, and exploration worker annual hours	1,000.. 74 470
Production, development, and exploration worker annual wages	\$1,000.. 1 754 149
Total cost of supplies	\$1,000.. 3 421 175
Supplies used, minerals received, and purchased machinery installed	\$1,000.. 2 621 944
Resales	\$1,000.. 70 378
Purchased fuels consumed	\$1,000.. 32 894
Purchased electricity	\$1,000.. 260 164
Contract work	\$1,000.. 435 795
Quantity of electricity purchased	1,000 kWh.. 6 287 072
Quantity of electricity generated less sold	1,000 kWh.. -
Total other expenses	\$1,000.. 776 524
Response coverage ratio ³	percent.. 81
Communications services	\$1,000.. 8 390
Legal services	\$1,000.. 19 957
Accounting, auditing, and bookkeeping services	\$1,000.. 7 583
Advertising and promotional services	\$1,000.. 1 023
All other expenses (not included above)	\$1,000.. 739 571
Total value of shipments and receipts for services	\$1,000.. 9 514 582
Primary products value of shipments	\$1,000.. 9 429 886
Secondary products value of shipments and receipts for services	\$1,000.. 10 011
Value of resales	\$1,000.. 74 685
Value of primary products shipments or services produced in all industries	\$1,000.. 9 429 886
Value of primary products shipments or services produced in this industry	\$1,000.. 9 429 886
Value of primary products shipments or services produced in other industries	\$1,000.. -
Value added	\$1,000.. 7 763 432
Total inventories, end of 2001	\$1,000.. 335 135
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 182 965
Supplies, parts, fuels, etc., inventories	\$1,000.. 152 170
Total inventories, end of 2002	\$1,000.. 395 849
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 254 838
Supplies, parts, fuels, etc., inventories	\$1,000.. 141 011
Gross book value of depreciable/depletable assets at beginning of year	\$1,000.. 10 477 335
Capital expenditures (except land and mineral rights)	\$1,000.. 903 202
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	\$1,000.. 782 623
Capital expenditures for mineral exploration and development	\$1,000.. 120 579
Capital expenditures for mineral land and rights	\$1,000.. 23 337
Deductions from depreciable/depletable assets during year	\$1,000.. 585 969
Gross book value of depreciable/depletable assets at end of year	\$1,000.. 10 817 905
Total depreciation/depletion charges during year	\$1,000.. 859 648
Total rental payments during year	\$1,000.. 210 904
Buildings and other structures	\$1,000.. 22 889
Machinery and equipment	\$1,000.. 188 015
Lease rents	\$1,000.. 118 033
Expensed mineral exploration, development, land, and rights	\$1,000.. 200 739

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212112, Bituminous coal underground mining											
All establishments	1	478	40 319	2 027 603	35 629	74 470	1 754 149	7 763 432	3 421 175	9 514 582	903 202
Establishments with —											
0 to 4 employees	2	85	156	7 231	134	258	5 731	76 723	54 201	118 091	2 310
5 to 9 employees	7	53	361	19 240	299	638	15 562	84 272	26 760	79 755	3 635
10 to 19 employees	5	65	929	46 541	814	1 694	39 955	181 207	66 366	182 516	12 591
20 to 49 employees	2	105	3 343	140 259	2 986	5 933	123 575	504 783	261 833	692 670	27 809
50 to 99 employees	2	53	3 734	179 051	3 493	6 662	163 045	664 612	308 113	845 454	55 899
100 to 249 employees	1	65	10 442	504 702	9 194	19 073	448 589	1 993 319	897 404	2 409 192	233 383
250 to 499 employees	1	38	12 814	684 465	11 161	23 866	568 365	2 524 755	1 046 000	3 033 489	298 962
500 to 999 employees	1	14	8 540	446 114	7 548	16 346	389 327	1 733 761	760 498	2 153 415	268 613
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ³	9	132	793	40 644	680	1 442	33 698	183 253	50 389	151 893	9 034

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Type of Operation: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments ¹		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212112, Bituminous coal underground mining									
All establishments	478	275	40 319	2 027 603	35 629	74 470	1 754 149	7 763 432	9 514 582
Producing establishments	475	274	40 238	2 023 159	35 554	74 279	1 749 966	7 763 432	9 514 582
Mines or wells only	298	111	10 873	507 664	9 432	19 071	435 754	2 043 617	2 103 053
Underground mines	298	111	10 873	507 664	9 432	19 071	435 754	2 043 617	2 103 053
Open-pit mines	—	—	—	—	—	—	—	—	—
Combination mines, well operations, or other types of mines	—	—	—	—	—	—	—	—	—
Mines with preparation plants	177	163	29 365	1 515 495	26 122	55 208	1 314 212	5 719 815	7 411 529
Underground mines	177	163	29 365	1 515 495	26 122	55 208	1 314 212	5 719 815	7 411 529
Open-pit mines	—	—	—	—	—	—	—	—	—
Combination mines or other types of mines	—	—	—	—	—	—	—	—	—
Separately operated preparation plants	—	—	—	—	—	—	—	—	—
Undistributed ²	—	—	—	—	—	—	—	—	—
Nonproducing establishments	3	1	81	4 444	75	191	4 183	—	—

¹Includes establishments with payroll at any time during the year.

²Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products or Services Statistics: 2002 and 1997

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212112	Bituminous coal underground mining	2002.. X 1997.. X	X X	9 429 886 10 710 228
2121121	Run-of-mine (raw) bituminous coal shipped from underground mining operations	2002.. X 1997.. X	X X	2 007 256 2 196 694
21211211	Run-of-mine (raw) bituminous coal shipped from underground mining operations, for use without processing	2002.. X 1997.. X	X X	273 647 159 886
212112111	Run-of-mine (raw) bituminous coal shipped from underground mining operations, for use without processing mil s tons ..	2002.. X 1997.. X	P14.5 7.8	273 647 159 886
21211212	Run-of-mine (raw) bituminous coal shipped from underground mining operations, for processing at other establishments	2002.. X 1997.. X	X X	1 733 609 2 036 808
2121121221	Run-of-mine (raw) bituminous coal shipped from underground mining operations, for processing at other establishments mil s tons ..	2002.. X 1997.. X	P87.6 137.8	1 733 609 2 036 808
2121123	Processed bituminous coal shipped from underground mining operations	2002.. X 1997.. X	X X	6 757 880 8 168 621
21211231	Processed bituminous coal shipped from underground mining operations, washed by wet-washing, pneumatic, or other methods	2002.. X 1997.. X	X X	5 756 053 7 296 445
2121123111	Processed bituminous coal shipped from underground mining operations, washed by wet-washing, pneumatic, or other methods mil s tons ..	2002.. X 1997.. X	P221.1 261.4	5 756 053 7 296 445
21211232	Processed bituminous coal shipped from underground mining operations (mechanically crushed, screened, or sized only)	2002.. X 1997.. X	X X	1 001 827 872 176
2121123221	Processed bituminous coal shipped from underground mining operations (mechanically crushed, screened, or sized only) mil s tons ..	2002.. X 1997.. X	48.2 46.3	1 001 827 872 176
212112W	Bituminous coal underground mining, nsk	2002.. X 1997.. X	X X	664 750 344 913
212112WY	Bituminous coal underground mining, nsk	2002.. X 1997.. X	X X	664 750 344 913
212112WYWT	Bituminous coal underground mining, nsk	2002.. X 1997.. X	X X	664 750 344 913

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Product or service class code	Product or service class and geographic area	Value of product shipments or receipts for services (\$1,000)
2121121	Run-of-mine (raw) bituminous coal shipped from underground mining operations	
	United States..... 2002..	2 007 256
	..... 1997..	2 196 694
	Kentucky 2002..	572 763
	..... 1997..	702 586
	Ohio 2002..	42 044
	..... 1997..	N
	Virginia 2002..	106 718
	..... 1997..	316 423
	West Virginia 2002..	491 934
	..... 1997..	548 100
2121123	Processed bituminous coal shipped from underground mining operations	
	United States..... 2002..	6 757 880
	..... 1997..	8 168 621
	Alabama 2002..	531 958
	..... 1997..	694 021
	Colorado 2002..	187 409
	..... 1997..	217 983
	Illinois 2002..	495 092
	..... 1997..	567 590
	Indiana 2002..	190 537
	..... 1997..	145 337
	Kentucky 2002..	1 401 916
	..... 1997..	1 530 231
	Ohio 2002..	187 453
	..... 1997..	420 571
	Pennsylvania 2002..	816 352
	..... 1997..	880 533
	Virginia 2002..	563 583
	..... 1997..	583 861
	West Virginia 2002..	1 908 810
	..... 1997..	2 419 384

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212112	Bituminous coal underground mining		
	Supplies consumed by type		
21211005	Run-of-mine (raw) coal, received for washing (wet-washing, pneumatic, etc.) mil s tons 2002 1997	p25.2 20.4	329 994 276 910
21211007	Run-of-mine (raw) coal, mined and processed at same establishment by washing (wet-washing, pneumatic, etc.) mil s tons 2002 1997	272.8 410.5	X X
21211009	Run-of-mine (raw) coal, received for processing by other methods (including mechanical crushing, screening, or sizing) mil s tons 2002 1997	3.1 —	69 791 —
21211011	Run-of-mine (raw) coal mined and processed at same establishment by other methods (including mechanically crushing, screening and sizing) mil s tons 2002 1997	47.9 49.6	X X
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation 2002 1997	X X	363 598 615 542
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment 2002 1997	X X	461 491 587 799
31320029	Filter and brattice cloth 2002 1997	X X	13 464 12 786
11300000	Wood products and stumpage, round and hewn 2002 1997	X X	56 916 53 267
32592003	Explosive materials, excluding ammonium nitrate 2002 1997	X X	6 094 5 250
32592005	Ammonium nitrate 2002 1997	X X	4 052 7 815
32592007	Blasting accessories 2002 1997	X X	1 054 4 108
32419100	Lubricating oils and greases (including hydraulic oils) 2002 1997	X X	40 333 48 729
32621001	Tires and inner tubes 2002 1997	X X	40 782 21 816
32600009	Rubber and plastics products (hose, conveyor belting, etc.) excluding tires, tubes, and gaskets 2002 1997	X X	56 943 108 711
32700037	Concrete products 2002 1997	X X	18 540 25 120
32799217	Nonmetallic mineral products (rock dust, other prepared nonmetallic minerals and earths, etc.) 2002 1997	X X	22 440 34 818
33120049	Steel shapes and forms (excluding castings, forgings, and wire products) 2002 1997	X X	56 068 68 605
33100085	Nonferrous metal wire including trolley wire 2002 1997	X X	11 252 19 022
33272200	Roof bolts 2002 1997	X X	139 117 165 118
33290007	Wire rope, cable, springs, and other fabricated wire products (excluding wire) 2002 1997	X X	10 334 16 293
33300005	Drill bits and reamers 2002 1997	X X	50 538 47 777
00970098	All other supplies 2002 1997	X X	326 252 433 113
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used 2002 1997	X X	542 891 215 292
	Fuels consumed by type		
21211013	Coal (bituminous, subbituminous, lignite, and anthracite) produced and used in the same plant as a fuel 1,000 s tons 2002 1997	179.8 221.4	X X
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel 1,000 bbl 2002 1997	S 655.9	14 840 20 584
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel 1,000 bbl 2002 1997	q178.3 144.8	6 638 4 051
21111015	Gas (natural, manufactured, and mixed) used as a fuel bil cu ft 2002 1997	D .5	D 2 552
32411015	Gasoline used as a fuel mil gal 2002 1997	q1.5 4.0	1 720 4 385
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) 2002 1997	X X	D D
00974000	Undistributed fuels 2002 1997	X X	7 914 10 583

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.